Amendments to the Specification:

Please revise the paragraph beginning on page 20, line 21 to read as follows:

Quantitative PCR (qPCR). *C. psittaci* B577 fluorescence resonance energy transfer (FRET)-qPCR was performed as described in Huang *et al.* (2001) *BioTechniques* 30: 150-157. In the FRET-qPCR for *C. pneumoniae*, the *C. psittaci* B577 probe was replaced by the *C. pneumoniae*-specific probe 5′-CACATTAAGTTCTTCAACTTTAGGTTT –fluorescein-3′ (SEQ ID NO:1).

Please revise the paragraph beginning on page 20, line 26 to read as follows:

For real-time reverse transcription (RT)-qPCR oligo(dT)-primed mRNA was reverse-transcribed with Thermoscript reverse transcriptase (Life Technologies). RT reactions were diluted to 80 μl with 10mM TrisHCl (pH 8.5), 0.1 mM EDTA ($T_{10}E_{0.1}$) and 5 μl aliquots were used for qPCR (Huang *et al.* (2001) *BioTechniques* 30: 150-157). Thermal cycling was performed in a LightCycler (Roche Molecular Biochemicals) for 0 s at 95°C and 6 s at 70°C. SYBR green fluorescence was acquired after 10 s equilibration at 84-86°C, approximately 1-2°C below the T_m of the respective amplicon. Mouse-specific primers were used at 1μM: β-actin, sense: 5′-CTCCTCCTGAGCGCAAGTACTCTGTGT-3′ (SEQ ID NO:2); β-actin, antisense: 5′-GTGCACGATGGAGGGGCCGGACTCAT-3′ (SEQ ID NO:3); NOS2, sense, 5′-CACTTGGATCAGGAACCTGAAGCCC-3′ (SEQ ID NO:4); NOS2, antisense, 5′-CTTTGTGCTGGGAGTCATGGAGCCG-3′ (SEQ ID NO:5); arginase I, sense, 5′-AGCTGGGGATTGGCAAGGTGATGGA-3′ (SEQ ID NO:6); arginase I, antisense, 5′-AGCCCTGTCTTGTAAATTTCTTCTGTGA-3′ (SEQ ID NO:7); arginase II, sense, 5′-CTGTAGCTATAGTCGGAGCCCCTTTCT-3′ (SEQ ID NO:8); and arginase II, antisense, 5′-GTGGCATCCCAACCTGGAGAGC-3′ (SEQ ID NO:9).

Please revise the paragraph beginning on page 21, line 16 to read as follows:

A FRET RT-qPCR for detection of polymorphisms at position 3083 of the murine NOS2 locus used NOS2 primers and reagents described above. Probes were used at 0.5 μM: NOS 2 downstream 5′-(LightCycler Red 640)-CATCCTCATTGGGCCTGGTACG-(phosphate)-3′

(SEQ ID NO:10); NOS2 upstream 5'-TGAGGACCCCTTCCAGCCTT-(fluorescein)- 3' (SEQ ID NO:11). Thermal cycling parameters were 0 seconds (s) at 95°C, 3 s at 59°C followed by fluorescence acquisition, and 10 s at 72°C.

Please revise the paragraph beginning on page 27, line 29 to read as follows:

In experiments to evaluate the effects of AG, mice were intranasally inoculated with 8.1 x 10^5 IFU *C. psittaci* (results shown in Figure 5). C57BL/6 mice (solid circles) and BALB/c mice (open circles) were intraperitoneally injected with PBS. Other groups of C57BL/6 mice received AG daily at a dose of 6 mg/kg (solid diamonds) or 200 mg/kg (solid squares), and the time course of mRNA and IL-12p70 levels in lung tissue was determined (n = 10, combined data of two experiments). Amplification of murine IFN- γ by qPCR followed the procedures described under Materials and Methods. Primers used were: 5'-TGCCAAGTTTGAGGTCAACAACCCACAG-3' (IFN- γ, sense) (SEQ ID NO:12), and 5'-GCGACTCCTTTTCCGCTTCCTGAGG-3' (IFN- γ, antisense) (SEQ ID NO:13). For determination of IL-12p70, lungs were ground in 50 mM Tris-HCl, pH 7.5/10 mM EDTA, the suspension was clarified by low-speed centrifugation, and IL-12p70 in the supernatant was determined by ELISA (R&D Systems).